

ABSTRACT OF THE DISCLOSURE

A computer system for ongoing monitoring and providing medication dosage recommendation to diabetic patients includes: a database for storing patient data; patient database access including one of web access, touch tone telephone access and speech recognition access; a server; a first set of programs contained within the server for processing the patient data and interfacing the data base accesses; a computer terminal connected to the server through the World Wide Web containing the set of programs including the specific interface to the system for a patient's physician to enter patient specific parameters relevant to compute one of the insulin and other medication dosage; a second set of programs contained within the server for diabetic management for interface by a patient and the patient physician by the patient means of database access; and the second set of programs to be used to enter the current blood glucose, the planned intake of carbohydrates, and to generate a recommendation of one of a dosage of diabetic medication and a quantity of glucose for intake.